

Project Description

| | |
|----|--|
| 1 | Access and identity management (AIM) improvements |
| 2 | Ancillary services (AS) procurement from variable energy resource (VER) |
| 3 | CAISO AWE to NERC EEA Transition |
| 4 | California-Oregon Transmission Project (COTP) Western Area Power Administration (WAPA) settlements |
| 5 | Campus operations annual funding |
| 6 | Centralized customer contacts |
| 7 | Constraint parameter enhancement |
| 8 | Convergence bidding entity agreement (CBEA) Scheduling Coordinator (SC) energy bids in scheduling infrastructure business rules (SIBR) |
| 9 | Customer computer based training (CBT) program |
| 10 | Customer ISO resource adequacy (CIRA)-technical enhancements 2022 |
| 11 | Customer service improvement projects |
| 12 | Day ahead market (DAM) enhancements |
| 13 | Day ahead nodal pricing model phase 2 |
| 14 | Day ahead reliability tool (DART) phase 2 |
| 15 | Disconnected pnode improvements |
| 16 | Dispatch enhancements |
| 17 | EMNA (SE, RTCA) and HANA infrastructure upgrade |
| 18 | Energy cost and Indices calculator (ECIC) phase 2B |
| 19 | Energy management system (EMS) infrastructure, SP7 upgrade & enhancements |
| 20 | Energy storage enhancements |
| 21 | Enhanced curtailment tool |
| 22 | Enterprise model management system (EMMS) phase 4 |
| 23 | Enterprise telephony refresh |
| 24 | Existing transmission contract calculator (ETCC) path limit calculator enhancements |

Project Description

| | |
|----|---|
| 25 | Expand external capability for hands-on training |
| 26 | Expanded operations training center |
| 27 | Extended day ahead market |
| 28 | External load forward scheduling rights process |
| 29 | External plant information (PI) displays |
| 30 | Facilities reserve funding |
| 31 | Forecast improvements and automation |
| 32 | Imbalance conformance enhancements - UI |
| 33 | Incorporation of operations non-core tools into final destination |
| 34 | Initialization funding for capital projects |
| 35 | Interconnection process enhancements |
| 36 | Intertie shadow price resolution |
| 37 | IT robustness - Info Blocks, PKI certificate usability, Splunk replacement/SOAR |
| 38 | Joint owned unit (JOU) pilot |
| 39 | Market & grid integrated information (MAGII) with analytics data base - data modeling (Includes market validation tool (MVT) phase 2 and 3) |
| 40 | Market quality system (MQS) restructure |
| 41 | Market software performance & robustness improvement 2022 |
| 42 | Masterfile service oriented architecture (SOA) phase 3 |
| 43 | Maximum import capabilities (MIC) enhancements |
| 44 | Miscellaneous hardware & software |
| 45 | Model synchronization and activation (MSAA) Phase 2 |
| 46 | Move detailed unit information tool (DUIT) from Critical System Support (CSS) and integrate into MasterFile |
| 47 | Move interest calculations from market clearing to settlements |
| 48 | Multi-Stage Generating (MSG) grouping constraints |
| 49 | MV90 Replacement |

Project Description

| | |
|----|--|
| 50 | Operations & market services system improvements 2022 |
| 51 | Operations training environment improvements |
| 52 | Optimal multi-stage generating (MSG) transitioning profile |
| 53 | Price corrections process enhancements |
| 54 | Price performance enhancements |
| 55 | Program office internal labor |
| 56 | Pump storage with multiple pumping levels |
| 57 | RC advanced network applications enhancements (DSA) |
| 58 | RC forecast and schedules data reporting automation |
| 59 | Real time market redesign |
| 60 | Real time settlement review |
| 61 | Resource adequacy (RA) enhancements track 2 |
| 62 | Resource interconnection management system (RIMS) phase 2 enhancements |
| 63 | Resource sufficiency evaluation redesign |
| 64 | Settlements replacement |
| 65 | Sub-entity scheduling coordinator |
| 66 | System market power mitigation Phase 1 |
| 67 | Technology systems improvements for production 2022 |
| 68 | Third party tools end of life & vulnerability remediation |
| 69 | Topology error estimation phase 2 |
| 70 | Transmission access charges (TAC) structure enhancements |
| 71 | Transmission register (TR) replacement phase 1 |
| 72 | Vision tool replacement with QTD |
| 73 | Vulnerability scanner |
| 74 | Web service standardization |